

# Converting Colors

Hex(769DB8)

Have a look what the booklet for  
Hex(769DB8) contains.

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# **Color**

**Hex(769DB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769DB8
RGB	118, 157, 184
RGB Percent	46%, 62%, 72%
CMY	0.5373, 0.3843, 0.2784
CMYK	0.36, 0.15, 0.00, 0.28
HSL	205°, 32%, 59%
HSV	205°, 36%, 72%
XYZ	28.1799, 31.4262, 49.9280
YIQ	148.4170, -31.9110, 0.1290

# Conversions

## Conversions Part 2

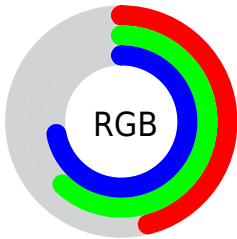
Format	Color
<b>RYB</b>	118, 143, 184
Decimal	7773624
CIELab	62.87, -6.53, -18.25
CIELCh	63, 19.385, 250.299
Yxy	31.4262, 0.2573, 0.2869
Android (android.graphics.Color)	4285963704 (0xFF769DB8)
YUV	148.4170, 17.5424, -26.6757
Hunter-Lab	56.0591, -8.3745, -13.5643

# Details

The Hex color **769DB8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B89176**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACD4F0**, and **426A83** is the 20% darker color. If you saturate the color by 10%, you get **6495B8**, and if you desaturate by 10%, it is **88A5B8**.

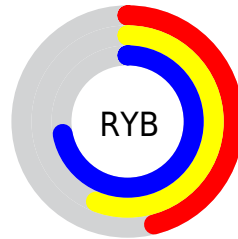
# Distribution



Red (46%)

Green (62%)

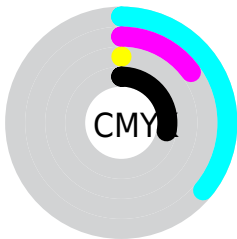
Blue (72%)



Red (46%)

Yellow (56%)

Blue (72%)

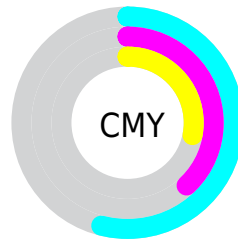


Cyan (36%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769DB8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 769DB8 by changing the saturation by 10% instead.



 769DB8

 769DB8

FFFFFF

 5C839D

 ACD4F0

 426A83

 C8F0FF

 28526A

 E5FFFF

 0A3B51

 00253A

 001025

 00010E

 000000

 769DB8

 769DB8

6495B8

88A5B8

518EB8

9BACB8

3F86B8

ADB4B8

2C7FB8

C0BBB8

1A77B8

D2C3B8

0870B8

E4CAB8

006DB8

F7D2B8

FFD9B8

FFE1B8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69A1AE



769DB8



8C98BA

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



769DB8



BB8C93



8C9E7D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



769DB8



B89176

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9F9976



769DB8



BA8E83

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



769DB8



B38DA4



AF9378



79A18C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



769DB8



9B94B6



AF9378



929C7A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



769DB8



D5E5F0



76B890



687178



F7F7F7



787878



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



769DB8



89C6F0



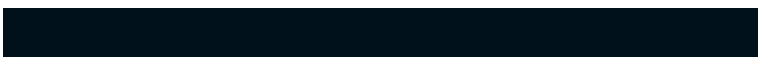
767DB8



53585C



005C9C



00111C



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B8769D



F089C6



B8B176



5C5358



9C005C

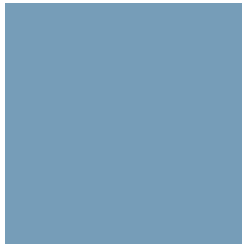


1C0011



# Previews

## White Background



This preview shows how the Hex color 769DB8 looks on a white background.

## Color Contrast Check

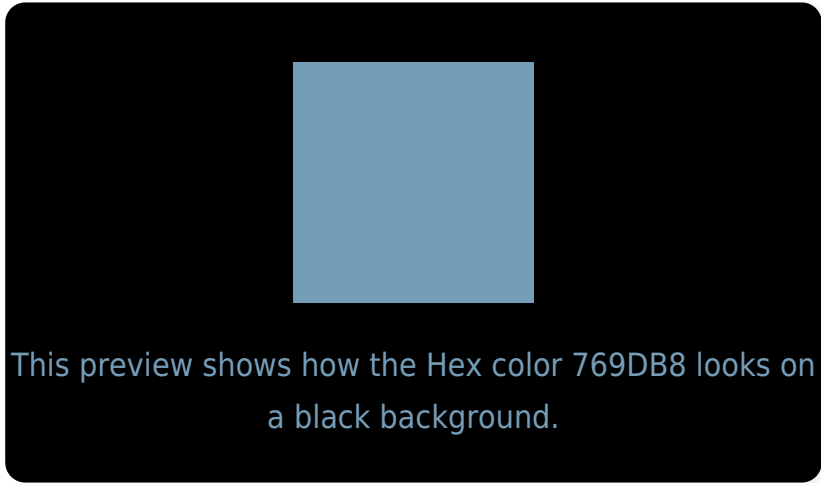
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

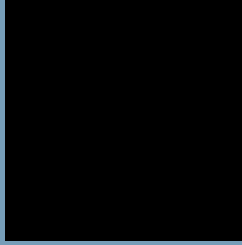
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

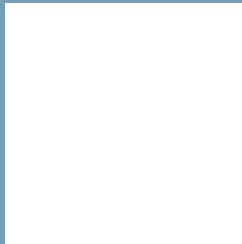
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 769DB8 Background



This preview shows how black text looks on a background with the Hex color 769DB8.

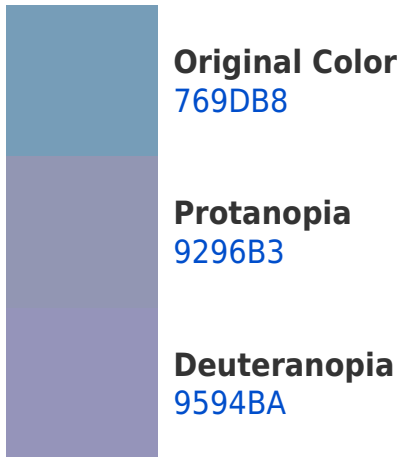


This preview shows how white text looks on a background with the Hex color 769DB8.

# Color Blindness Simulation

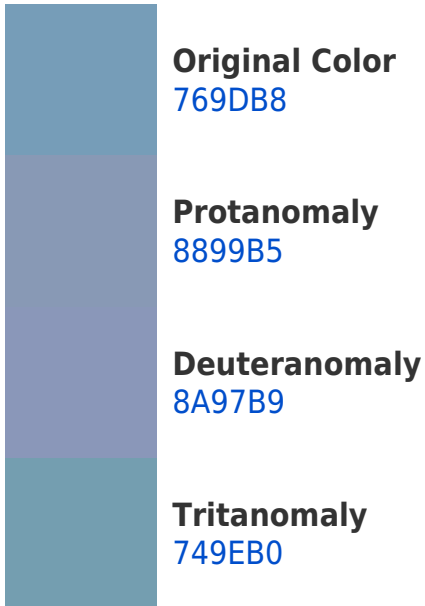
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

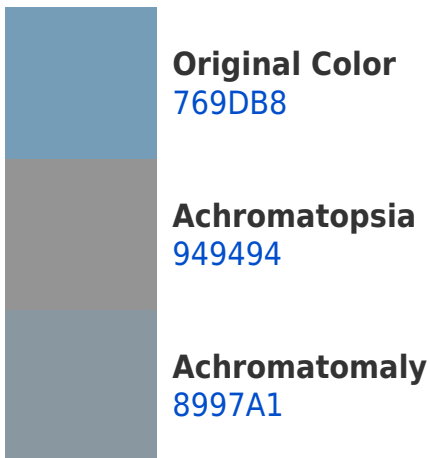




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769DB8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #769DB8 looks like.

```
.text, #text, p{  
    color:#769DB8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #769DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769DB8
}
```

## Border

The CSS property to change the border of an element to Hex 769DB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#769DB8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#769DB8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #769DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769DB8; -webkit-box-shadow:4px 4px  
4px 4px #769DB8; box-shadow:4px 4px 4px  
4px #769DB8 }
```

# Background

The CSS property to change the background color of an element to Hex 769DB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769DB8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#769DB8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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